CLAIMS AMENDMENTS

Please amend the claims as follows:

1. (Currently Amended) An endovascular implant, ~~having~~comprising:

-a) a tubular main body;having open ~~on its~~ front sides, and comprising ~~made of~~ at least one biodegradable material, the main body having a location-dependent first degradation characteristic $D_1(x)$ in vivo;; and

-b) a coating, which ~~completely or possibly~~ at least ~~only~~ partially covers the main body, the coating comprising ~~made of~~ at least one biodegradable material, the coating having a location-dependent second degradation characteristic $D_2(x)$ in vivo, ~~and~~

-wherein a location-dependent cumulative degradation characteristic $D(x)$ results at a location (x) from the sum of the particular existing degradation characteristics $D_1(x)$ and $D_2(x)$ existing at the cited location (x) and the location-dependent cumulative degradation characteristic $D(x)$ is predefined by variation of the second degradation characteristic $D_2(x)$ in such way that the degradation at the cited location (x) of the implant occurs in a predefinable time interval having a predefinable degradation curve.

2. (Currently Amended) The implant ~~according to~~ of Claim 1, ~~characterized in that~~ wherein the degradation characteristic $D_2(x)$ of the coating is provided by varying its morphological structure, material modification of the material, ~~and~~/or adapting a layer thickness of the coating.

3. (Currently Amended) The implant ~~according to~~ of Claims 1 ~~or 2~~, ~~characterized in that~~ wherein the degradation characteristic $D_2(x)$ of the coating is predefined as a function of the pathophysiological conditions to be expected in application.

4. (Currently Amended) The implant ~~according to~~ of Claims 1~~or 2~~, ~~characterized in that~~ wherein the degradation characteristic $D_2(x)$ of the coating is predefined as a function of the rheological conditions to be expected in application.

5. (New) The implant of Claim 2, wherein the degradation characteristic $D_2(x)$ of the coating is predefined as a function of the pathophysiological conditions to be expected in application.

6. (New) The implant of Claim 2, wherein the degradation characteristic $D_2(x)$ of the coating is predefined as a function of the pathophysiological conditions to be expected in application.